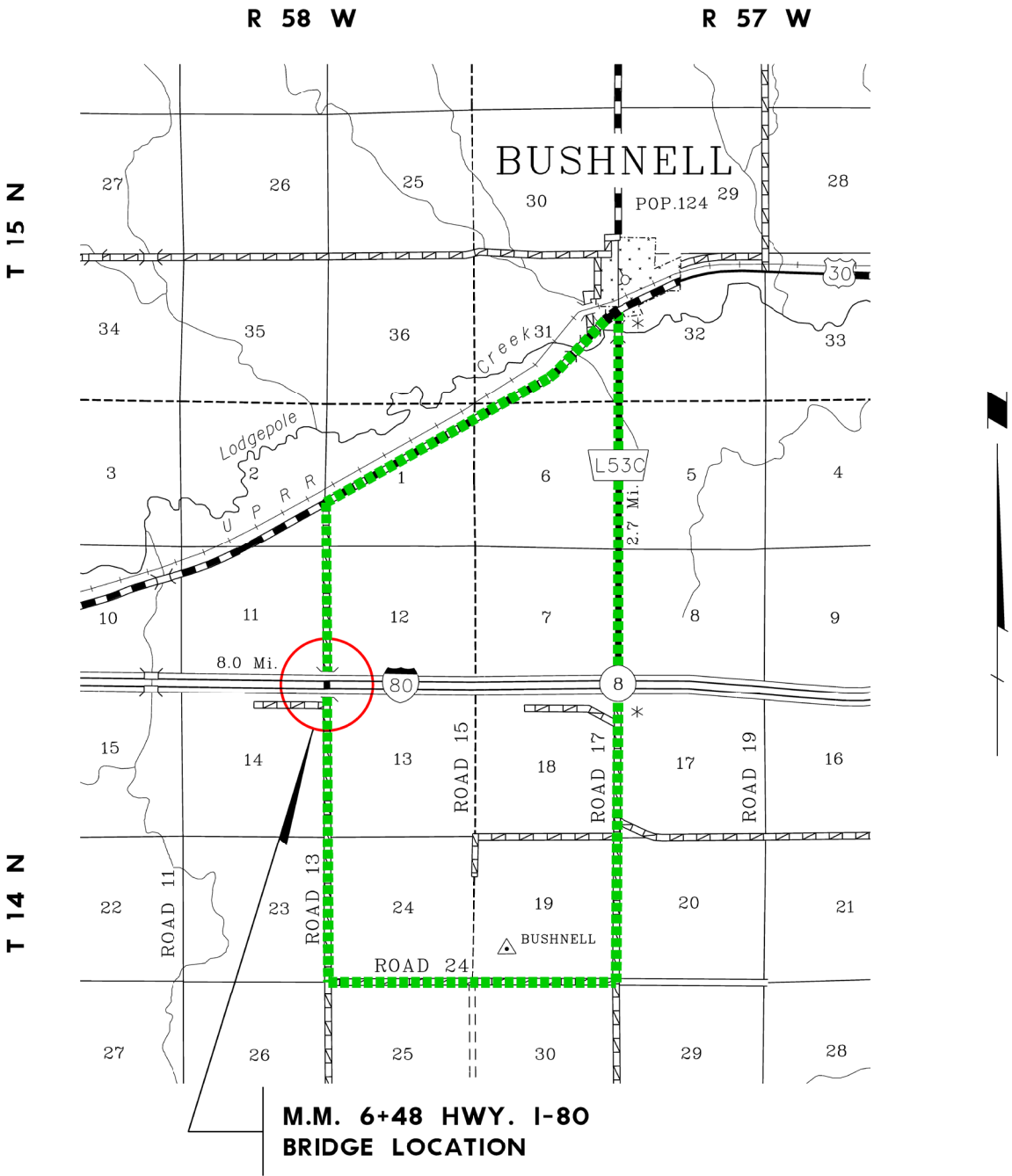


Detour Route for County Road System During Rehabilitation
of the I-80 Bridges Over County Road 13



DETOUR ROUTE

PRELIMINARY PLAN
NOT FINAL - SUBJECT TO CHANGE

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NH-STP-80-1(186) *Wyoming Line – Bushnell*; C.N. 51518
NH-80-1(187) *Wyoming Line – Bushnell Crossover*; C.N. 51518A

LOCATION: The proposed projects would involve rebuilding approximately 9.51 miles of Interstate 80 (I-80) in Kimball County, starting at the Wyoming/Nebraska State line, mile marker (MM) 0.00, and extending to about 1.05 miles east of the Bushnell Interchange, at MM 9.51, where the east crossover would be constructed. These projects would include reconstruction of the ramps at the Pine Bluffs Interchange and Bushnell Interchange, as well as repairing and/or widening bridges and resurfacing the roadways along portions of Nebraska Link 53B (L-53B) and Nebraska Link 53C (L-53C). The L-53B portion of the proposed projects would be located near MM 0.00, extending approximately 0.25 miles north. The L-53C portion of the proposed projects would be located near MM 0.00, extending approximately 2.27 miles north. Replacement of Wyoming's concrete median would begin approximately 700 feet west of the Nebraska/Wyoming state line. Construction may begin and/or end approximately 1500 feet ahead of or beyond the identified construction limits to accommodate transitioning the pavement and constructing crossovers.

PURPOSE AND NEED: The purpose of the proposed project is to preserve the I-80, L-53B, and L-53C transportation assets, improve the reliability of the transportation system, and perpetuate the mobility of the traveling public. The need for these proposed projects is based on the condition of the existing roadways, bridges and ramps, and recent inspections showing that rehabilitation would be required.

SCOPE OF WORK: Proposed improvements on the I-80 portion of the project would include removing the existing pavement and foundation course on the driving lanes and shoulders and rebuilding with doweled concrete pavement on a foundation course. Temporary crossovers would be constructed and culverts would be extended. Guardrail would be removed and replaced. Bridges would be repaired and/or widened. Portions of the ramps at the Pine Bluffs and Bushnell interchanges would be reconstructed to the extent necessary to modify geometrics to meet acceleration/deceleration requirements; the remainder of the ramp lengths would be milled and resurfaced with asphalt. The improvements on L-53B would consist of repairing the concrete pavement on the mainline and shoulders, resurfacing the roadway with asphalt, repairing bridges, and removing and replacing guardrail. The improvements on L-53C would consist of repairing the concrete pavement, and resurfacing the roadway with asphalt. Additional work would include removing the west crossover and replacing Wyoming's concrete median at the completion of the mainline project. Two high mast lighting towers at the Pine Bluffs Interchange would be relocated.

TRAFFIC VOLUMES:

	I-80	MM 0.00 – 9.51
Year	2017	2037
Vehicles Per Day (ADT)	9,180	11,375
% Heavy Trucks	61%	61%

CONSTRUCTION SCHEDULE: Construction is tentatively scheduled to begin as early as summer of 2017 and could be complete by fall of 2019.

ACCOMMODATION OF TRAFFIC: Portions of the proposed projects would be constructed under traffic with lane closures and other approved temporary traffic control. To allow for rehabilitation of the I-80 mainline bridges at MM 6.48 over County Road 13 (CR-13), a temporary closure of CR-13 for approximately 10 weeks for the construction of each I-80 bridge is anticipated and a detour for CR-13 traffic would be provided. There would be no detour during winter. CR-13 would be open the second Monday of July to the second Sunday of August. The detour would utilize County Road 24 (CR-24), County Road 17 (CR-17), and US Highway 30 (US-30). Kimball County would maintain the portions of the county roads used for the detour. New guardrail would be installed on CR-13 under the I-80 mainline bridges located at MM 6.48 after the bridge work has been completed. The ramps for the Pine Bluffs Interchange (L-53B over I-80) would be closed during mainline I-80 construction to accommodate reconstruction of the ramps, mainline and modifications to the bridge over I-80 (S080 00048). The bridge over I-80 (S080 00048) at the Pine Bluffs Interchange would remain open. The ramps for the Bushnell Interchange (L-53C over I-80) would be closed during mainline I-80 construction to accommodate reconstruction of the ramps and mainline. The bridge over I-80 (S080 00846) at the Bushnell Interchange would remain open.

RIGHT-OF-WAY: The proposed project would not require the acquisition of additional property rights. Access to adjacent properties would be maintained during construction but may be limited at times due to phasing requirements.

POTENTIAL IMPACTS: Wetland impacts are not anticipated. Potential impacts may include traffic delays and detour due to construction.

ESTIMATED COST: The cost of the proposed project is approximately \$46.1 million and would derive from federal and state funding sources.

Detour for Pine Bluff and Bushnell Interchange Ramp Closures

